

4. (Amended) The recombinant DNA molecule of claim 1 or 2, wherein the promotor is a 35S CaMV promoter.

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5. (Amended) A vector comprising the recombinant DNA molecule of claim 1 or 2.

8. (Amended) A host cell comprising the recombinant DNA molecule of claim 1 or 2, or a vector comprising said recombinant DNA molecule.

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9. (Amended) A kit comprising the recombinant DNA molecule of claim 1 or 2, or a vector comprising said recombinant DNA molecule and optionally comprising 2-deoxyglucose or a non-metabolizable analogue of glucose.

10. (Amended) A process for selecting a transformed plant cell, comprising the following steps:

- (a) obtaining plant cells;
- (b) introducing the recombinant DNA molecule of claim 1 or 2, or a vector comprising said recombinant DNA molecule into said plant cells; and
- (c) selecting the successfully transformed plant cell on 2-deoxyglucose-containing media or on media containing a non-metabolizable analogue of glucose.

11. (Amended) The process of claim 10, wherein the vector is transferred to plant cells via *Agrobacterium tumefaciens*.

12. (Amended) The process of claim 10, wherein the recombinant DNA molecule or vector is transferred to plant cells by particle bombardment.

13. (Amended) A transgenic plant cell comprising the recombinant DNA molecule of claim 1 or 2, or a vector comprising said recombinant DNA molecule.

14. (Amended) The transgenic plant cell of claim 13 further comprising at least one further foreign gene.

15. (Amended) A plant tissue comprising the plant cell of claim 13.

16. (Amended) A transgenic plant comprising the plant cell of claim 13.

17. (Amended) A product harvested from the transgenic plant of claim 16 comprising plant cells.

18. (Amended) A propagation material comprising the plant cell of claim 13.

19. (Amended) A method of producing a transgenic plant, a plant cell, tissue, or a combination thereof from the recombinant DNA molecule of claim 1 or 2, or a vector comprising said recombinant DNA molecule comprising:

- a) obtaining a plant cell; and
- b) introducing the recombinant DNA molecule or vector into the plant cell.

20. (Amended) The recombinant DNA molecule of claim 1 or 2, wherein the recombinant DNA is a selectable marker in a plant cell, tissue culture, plant breeding, or a combination thereof.

Please add claims 21-32:

21. (New) The recombinant DNA molecule of claim 1 or 2 further comprising a regulatory sequence selected from the group consisting of a transcription termination sequence and a polyadenylation signal, or both, wherein said regulatory sequence is operably linked to the DNA sequence encoding said 2-deoxyglucose-6-phosphate phosphatase.

43 22. (New) The recombinant DNA molecule of claim 1, wherein the DNA sequence encodes the amino acid sequence of SEQ ID NO: 2.

23. (New) The recombinant DNA molecule of claim 1, wherein the DNA sequence is SEQ ID NO: 1.

24. (New) A transgenic plant cell produced according to the process of claim 10.

25. (New) A plant tissue comprising the plant cell of claim 14.

26. (New) A plant tissue comprising the plant cell of claim 24.

27. (New) A transgenic plant comprising the plant cell of claim 14.

28. (New) A transgenic plant comprising the plant cell of claim 24.

29. (New) The transgenic plant of claim 16, wherein the plant is a monocotyledonous or dicotyledonous plant.